

PATENT ABSTRACTS OF JAPAN

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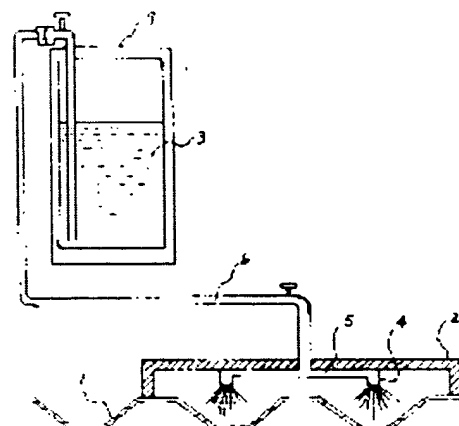
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(54) METHOD FOR STRIPPING PAINT BY LIQUID NITROGEN

(57)Abstract:

PURPOSE: To cleanly strip paint by allowing liquid nitrogen to contact with the paint, and causing a volume change between the paint and a body by the latent heat and sensible heat of the liquid nitrogen.

CONSTITUTION: A number of nozzles 4 which spray liquid nitrogen 3 are provided in suitable positions within a heat insulating box 2 which extends over a surface 1 to be painted and closely contacts said surface. These nozzles 4 are concentrated at one place by a nozzle piping 5, which is connected to a liquid nitrogen vessel 7 by means of a piping 6. Liquid nitrogen which is low temp. liquefied gas is stuck directly on the paint film surface, and a volume change is caused between the paint film and the body by the latent heat and sensible heat of the liquid nitrogen, by which the paint is stripped cleanly.



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